

Unpaved Road

AP-42, 13.2.2, rev. 12/03

surface material silt content (%) = 10 %
mean vehicle weight (tons) = 27 tons
surface material moisture content (%) = 0.2 %
of days with 0.01" or more rain = 36 days

vehicle miles traveled 9,943 miles
control eff. = 70%

PM2.5 emission factor = 0.47 lb/VMT
PM10 emission factor = 3.08 lb/VMT
TSP emission factor = 10.45 lb/VMT

PM2.5 uncontrolled = 4,702 lbs. 2.4 tons
PM10 uncontrolled = 30,666 lbs. 15.3 tons
TSP uncontrolled = 103,896 lbs. 51.9 tons

PM2.5 controlled = 1,411 lbs. 0.7 tons
PM10 controlled = 9,200 lbs. 4.6 tons
TSP controlled = 31,169 lbs. 15.6 tons

Table 13.2.2-2

constants	PM2.5	PM10	TSP
k	0.23	1.50	4.90
a	0.90	0.90	0.70
b	0.45	0.45	0.45